

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 60-021912

(43)Date of publication of application : 04.02.1985

(51)Int.Cl. D01G 1/00
C23C 14/20
D06M 11/00

(21)Application number : 58-126910

(71)Applicant : MITSUBISHI RAYON CO LTD

(22)Date of filing : 14.07.1983

(72)Inventor : HIRAOKA SABURO
NAGAI SHOICHI
CHIGA MITSUO

(54) MANUFACTURE OF METALLIZED SYNTHETIC FIBER STAPLE

(57)Abstract:

PURPOSE: To obtain the titled staple having excellent antistaticity and antibacterial property, by flattening a continuous synthetic fiber tow, metallizing the surface of the tow with a metal having electrical conductivity and antibacterial property, cutting the tow in the form of staples, and mixing the staples.

CONSTITUTION: A continuous tow of a synthetic fiber, preferably an acrylic fiber, free from a textile lubricant is flattened to a thickness of ≈ 0.5 cm, preferably ≈ 0.3 mm with a tow creel and a drawing roller. One or both surfaces of the flattened tow are metallized with a metal having electrical conductivity and/or antibacterial property (e.g. Al) with a vacuum-metallizing device, and the metallized tow is cut to staples and mixed.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office